

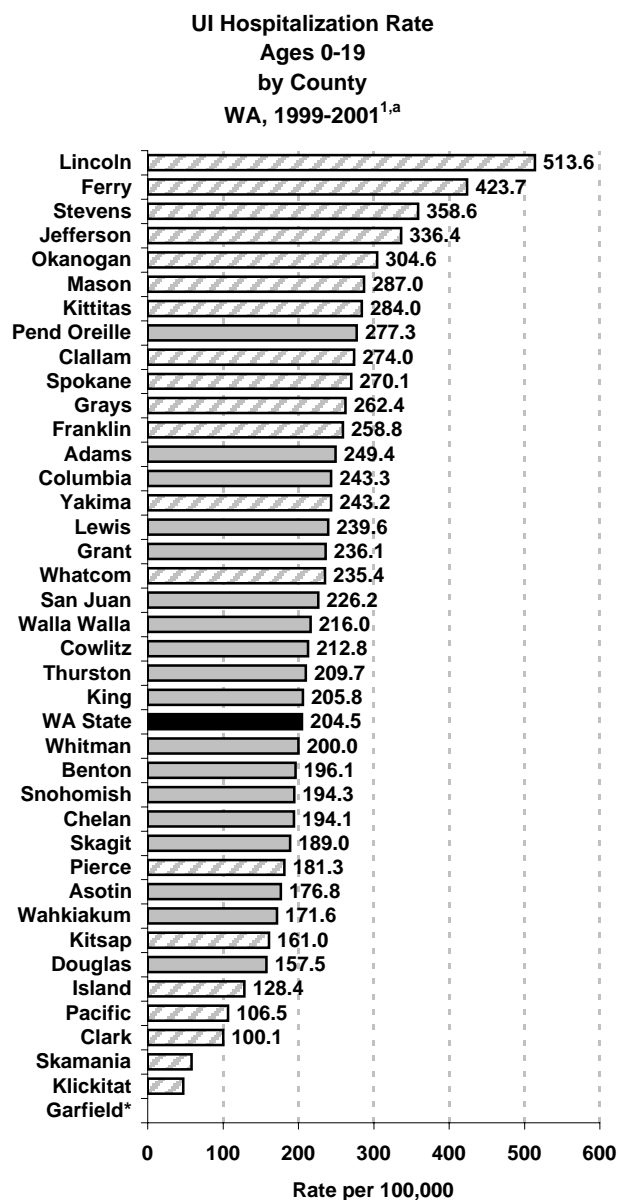
# Unintentional Injury Hospitalizations

**Definition:** Unintentional injury hospitalizations are nonfatal hospitalizations due to unintentional injuries (ICD-9 codes E800-E869 and E880-E929). They include adverse effects, which are injuries related to therapeutic use of drugs and adverse effects of medical and surgical care. Unintentional injury hospitalizations include the primary diagnosis only. The data source is the Washington State Comprehensive Hospital Abstract Reporting System, (CHARS). Patients hospitalized more than once with the same diagnosis will be counted as separate incidents.

## Key Findings

- ❖ There were 3,348 nonfatal unintentional injury (UI) hospitalizations for Washington children ages 0-19 in 2001, for a rate of 197.6 per 100,000. This represents a 45% decrease from the 1990 rate of 355 per 100,000<sup>1,2</sup>
- ❖ The highest UI hospitalization rates for Washington children were in infants less than 1 year old and children ages 15-19. Males ages 0-19 had significantly higher UI hospitalization rates than females.<sup>1,a</sup>
- ❖ Washington children in small town rural areas had significantly higher unintentional injury hospitalization rates than children in urban areas.<sup>1</sup>
- ❖ While the leading causes of unintentional injury hospitalization vary by age, overall the three most common causes for UI hospitalizations for Washington children were falls, motor vehicle (occupant), and struck by or against (which includes injuries caused by being accidentally struck by an object or person).<sup>3</sup>

## County



\*County rate not calculated if less than 5 events.

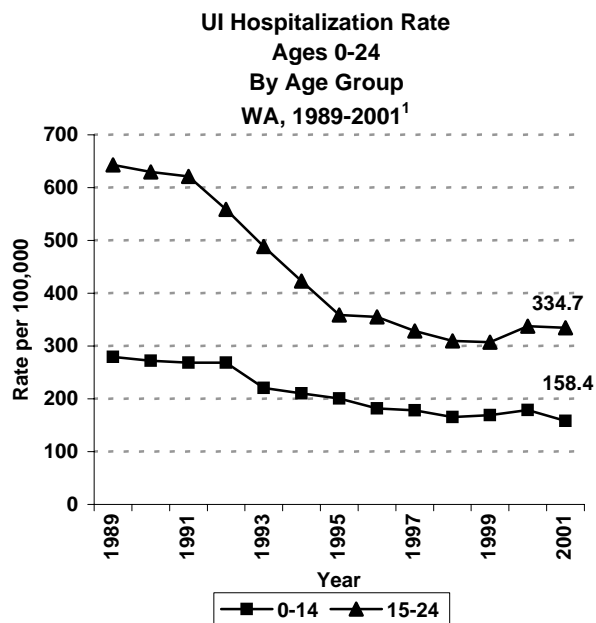
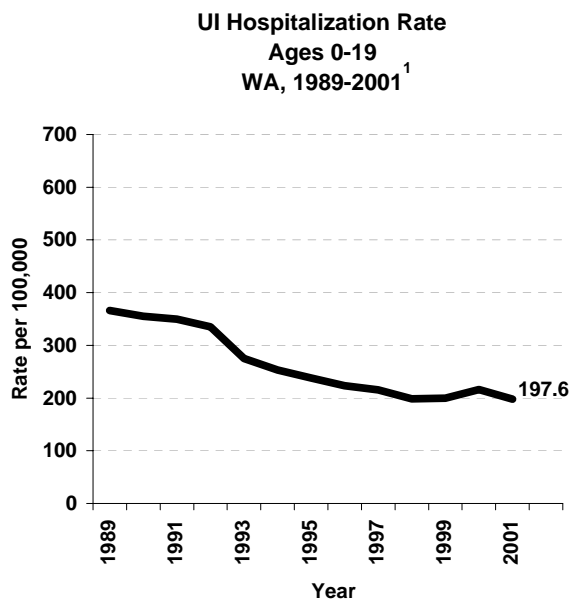
 Significantly different from state rate

## Unintentional Injury - Hospitalizations (cont.)

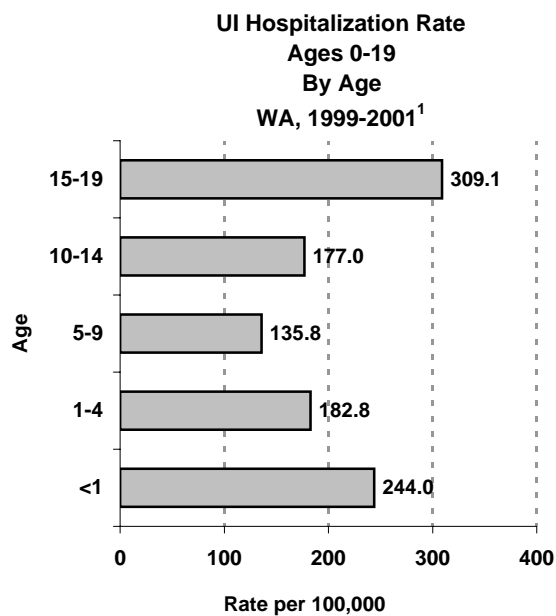
### Block Grant Measure:

### Unintentional Injury 0 to 24 year olds

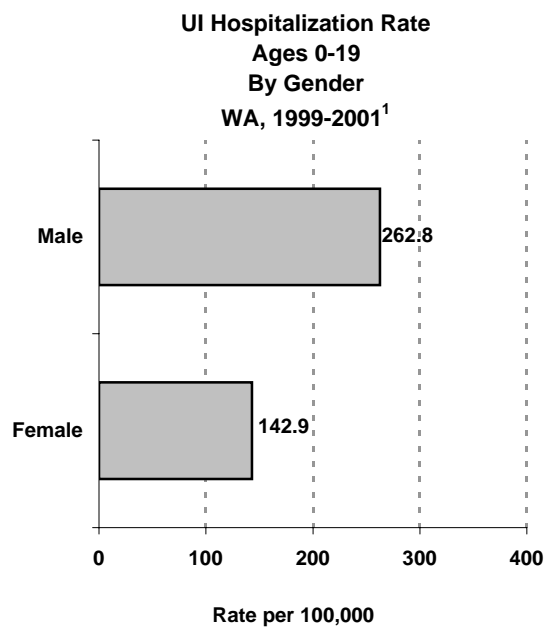
#### Time Trend



#### Age

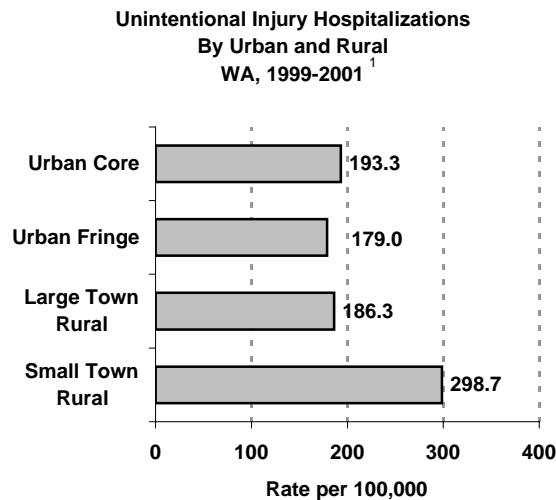


#### Gender

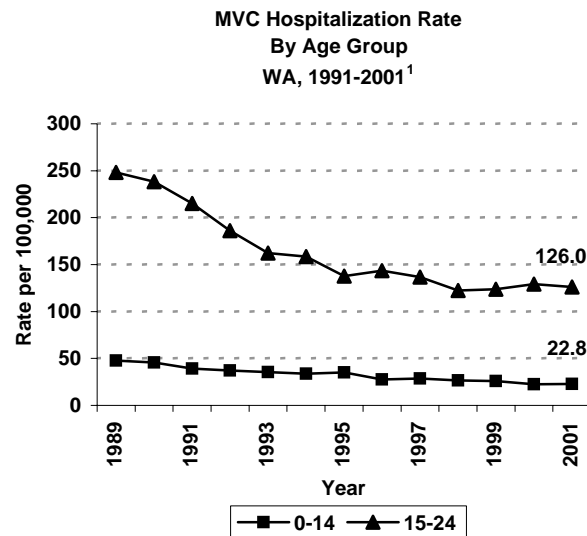


## Unintentional Injury - Hospitalizations (cont.)

### Rural and Urban Residence



### Motor Vehicle Crashes (MVC)



### Leading Causes of Unintentional Injury Hospitalizations, 1997-2001<sup>3</sup>

#### WA Children Ages 0-19, By Age Group

Rank	<1	1 - 4	5 - 9	10 - 14	15 - 19
1st	Falls	Falls	Falls	Falls	Motor Vehicle (occupant)
2nd	Fire/ Hot Object or Substance	Poisoning	Bicycle (rider)	Struck by or against	Falls
3rd	Suffocation	Fire/ Hot Object or Substance	Motor Vehicle (occupant)	Bicycle (rider)	Struck by or against an object or person

#### Data Sources

- <sup>1</sup> Comprehensive Hospital Abstract Reporting System (CHARS), Washington State Department of Health, 1987-2001.
- <sup>2</sup> Analysis Software: Public Health - Seattle & King County, Epidemiology, Planning & Evaluation, Software for Public Health Assessment (VistaPHw), 1991-.
- <sup>3</sup> Injury Prevention and Safety Program, Washington State Department of Health: [http://www.doh.wa.gov/cfh/Injury/Tables\\_update.htm](http://www.doh.wa.gov/cfh/Injury/Tables_update.htm).

#### Endnotes

- <sup>a</sup> Significance was determined based on 95% Confidence Intervals.